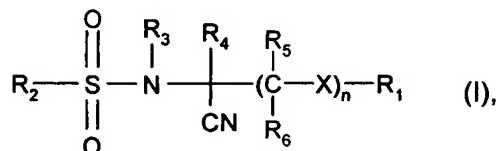


Listing of Claims

This listing of claims replaces all prior versions and listings of claims in the application.

Claim 1 (Previously presented). Compound of the formula (I)



in which

R₁ is aryl or heteroaryl, in each case unsubstituted or mono- or polysubstituted by R₇, where the substituents can in each case be identical or different if their number is greater than 1;

R₂ is C₁-C₆alkyl, halo-C₁-C₆alkyl, C₃-C₈cycloalkyl, halo-C₃-C₈cycloalkyl, NHR₈, aryl or heteroaryl, in each case unsubstituted or mono- or polysubstituted by R₇, where the substituents can in each case be identical or different if their number is greater than 1, or pyrrolidinyl, piperidinyl, imidazolidinyl, piperazinyl, pyrazolidinyl, morpholinyl, indolinyl or isoindolinyl, in each case bonded via N;

R₃ is hydrogen, C₁-C₆alkyl, halo-C₁-C₆alkyl, C₁-C₆alkoxy-C₁-C₆alkyl, benzyl, C₁-C₆alkylheteroaryl, C₁-C₆alkoxycarbonyl or C₁-C₆alkylcarbonyl;

R₄, R₅ and R₆ either independently of one another are hydrogen, halogen, C₁-C₆alkyl, halo-C₁-C₆alkyl, C₁-C₆alkoxy, halo-C₁-C₆alkoxy, C₁-C₆alkylthio, halo-C₁-C₆alkylthio, C₂-C₆alkenyl, C₂-C₆alkynyl, unsubstituted or substituted C₃-C₈cycloalkyl, where the substituents are selected from the group consisting of halogen and C₁-C₆alkyl, or unsubstituted or substituted phenyl, where the substituents are selected from the group consisting of halogen, C₁-C₆alkyl and phenyl;

or R₄ and R₅, together with the carbon atoms to which they are bonded, are a five- to seven-membered, saturated or partially unsaturated heterocyclic ring having 1 to 2 heteroatoms from the group consisting of nitrogen, oxygen and sulphur;

R₇ is halogen, C₁-C₆alkyl, halo-C₁-C₆alkyl, C₁-C₆alkoxy, halo-C₁-C₆alkoxy, C₁-C₆alkylthio, halo-C₁-C₆alkylthio, C₂-C₆alkenyl, C₂-C₆alkynyl; aryl, phenylacetylenyl or heteroaryl, in each case unsubstituted or mono- or polysubstituted, where the substituents are in each case selected from the group consisting of halogen, nitro, cyano, C₁-C₆alkyl, halo-C₁-C₆alkyl, C₁-C₆alkoxy, halo-C₁-C₆alkoxy, and can in each case be identical or different if their number is greater than 1;

R₈ is aryl which is unsubstituted or mono- to pentasubstituted, where the substituents are selected from the group consisting of halogen, nitro, cyano, C₁-C₆alkyl, halo-C₁-C₆alkyl, C₁-C₆alkoxy and halo-C₁-C₆alkoxy, and can be identical or different if their number is greater than 1;

X is O, S, S(O) or S(O)₂; and

n is 1;

and, where appropriate, E/Z isomers, mixtures of E/Z isomers and/or tautomers thereof, in each case in free form or in salt form.

Claim 2 (Original). Compound of the formula (I) according to claim 1, wherein R₁ is aryl which is unsubstituted or mono- to pentasubstituted by R₇, where the substituents in each case can be identical or different if their number is greater than 1.

Claim 3 (Original). Compound of the formula (I) according to claim 1, wherein R₁ is aryl which is mono- to trisubstituted by R₇, where the substituents in each case can be identical or different if their number is greater than 1.

Claim 4 (Original). Compound of the formula (I) according to claim 1, wherein R₂ is C₁-C₆alkyl, halo-C₁-C₆alkyl, aryl or heteroaryl which is in each case unsubstituted or mono- to polysubstituted by R₇, where the substituents can in each case be identical or different if their number is greater than 1.

Claim 5 (Original). Compound of the formula (I) according to claim 1, wherein R₂ is C₁-C₆alkyl, halo-C₁-C₆alkyl or aryl which is unsubstituted or mono- to pentasubstituted by R₇, where the substituents can be identical or different if their number is greater than 1.

Claim 6 (Original). Compound of the formula (I) according to claim 1, wherein R₂ is aryl which is unsubstituted or mono- to trisubstituted by R₇, where the substituents can be identical or different if their number is greater than 1.

Claim 7 (Original). Compound of the formula (I) according to claim 1, wherein R₃ is hydrogen or C₁-C₆alkyl.

Claim 8 (Original). Compound of the formula (I) according to claim 1, wherein R₃ is hydrogen or C₁-C₄alkyl.

Claim 9 (Original). Compound of the formula (I) according to claim 1, wherein R₃ is hydrogen.

Claim 10 (Original). Compound of the formula (I) according to claim 1, wherein R₄, R₅ and R₆ independently of one another are hydrogen, C₁-C₆alkyl, halo-C₁-C₆alkyl, C₁-C₆alkoxy, halo-C₁-C₆alkoxy, C₂-C₆alkenyl, C₂-C₆-alkynyl, C₃-C₆cycloalkyl.

Claim 11 (Original). Compound of the formula (I) according to claim 1, wherein R₄, R₅ and R₆ independently of one another are hydrogen, C₁-C₄alkyl, halo-C₁-C₄alkyl or C₃-C₆cycloalkyl.

Claim 12 (Original). Compound of the formula (I) according to claim 1, wherein R₄, R₅ and R₆ independently of one another are hydrogen or C₁-C₂alkyl.

Claim 13 (Original). Compound of the formula (I) according to claim 1, wherein R₇ is halogen, C₁-C₄alkyl, halo-C₁-C₄alkyl, C₁-C₄alkoxy, halo-C₁-C₄alkoxy; aryl or phenylacetylenyl, in each case unsubstituted or mono- or polysubstituted, where the substituents are selected from the group consisting of halogen, C₁-C₆alkyl, halo-C₁-C₆alkyl, C₁-C₆alkoxy, halo-C₁-C₆alkoxy, and can in each case be identical or different if their number is greater than 1.

Claim 14 (Original). Compound of the formula (I) according to claim 1, wherein R₇ is halogen, C₁-C₂alkyl, halo-C₁-C₂alkyl, C₁-C₂alkoxy, halo-C₁-C₂alkoxy.

Claim 15 (Original). Compound of the formula (I) according to claim 1, wherein R₇ is halogen or halo-C₁-C₂alkyl.

Claim 16 (Original). Compound of the formula (I) according to claim 1, wherein R₈ is unsubstituted or mono- to trisubstituted aryl, where the substituents are selected from the group consisting of halogen, C₁-C₄alkyl, halo-C₁-C₄alkyl, C₁-C₄alkoxy and halo-C₁-C₄alkoxy, and can be identical or different if their number is greater than 1.

Claim 17 (Original). Compound of the formula (I) according to claim 1, wherein R₈ is mono- to trisubstituted aryl, where the substituents are selected from the group consisting of halogen, C₁-C₂alkyl, halo-C₁-C₂alkyl, and halo-C₁-C₂alkoxy, and can be identical or different if their number is greater than 1.

Claim 18 (Original). Compound of the formula (I) according to claim 1, wherein R₈ is mono- or disubstituted aryl, where the substituents are selected from the group consisting of halogen and halo-C₁-C₂alkyl, and can be identical or different if their number is greater than 1.

Claim 19 (Original). Compound of the formula (I) according to claim 1, wherein X is O or S.

Claim 20 (Original). Compound of the formula (I) according to claim 1, wherein X is O.

Claim 21 (Cancelled).

Claim 22 (Original). Compound of the formula (I) according to claim 1, wherein R₁ is aryl which is unsubstituted or mono- or pentasubstituted by R₇, where the substituents can in each case be identical or different if their number is greater than 1; R₂ is C₁-C₆alkyl, halo-C₁-C₆alkyl, aryl or heteroaryl, in each case unsubstituted or mono- or polysubstituted by R₇, where the substituents can in each case be identical or different if their number is greater than 1; R₃ is hydrogen or C₁-C₆alkyl; R₄, R₅ and R₆ independently of one another are hydrogen, C₁-C₆alkyl, halo-C₁-C₆alkyl, C₁-C₆alkoxy, halo-C₁-C₆alkoxy, C₂-C₆alkenyl, C₂-C₆alkynyl, C₃-C₆cycloalkyl; R₇ is halogen, C₁-C₄alkyl, halo-C₁-C₄alkyl, C₁-C₄alkoxy, halo-C₁-C₄alkoxy, aryl or phenylacetylenyl, in each case unsubstituted or mono- or polysubstituted, where the substituents are selected from the

group consisting of halogen, C₁-C₆alkyl, halo-C₁-C₆alkyl, C₁-C₆alkoxy, halo-C₁-C₆alkoxy, and in each case can be identical or different if their number is greater than 1; R₈ is unsubstituted or mono- to trisubstituted aryl, where the substituents are selected from the group consisting of halogen, C₁-C₄alkyl, halo-C₁-C₄alkyl, C₁-C₄alkoxy and halo-C₁-C₄alkoxy, and can be identical or different if their number is greater than 1; and X is O or S.

Claim 23 (Original). Compound of the formula (I) according to claim 1, wherein R₁ is aryl which is mono- or trisubstituted by R₇, where the substituents can in each case be identical or different if their number is greater than 1; R₂ is C₁-C₆alkyl, halo-C₁-C₆alkyl or aryl which is unsubstituted or mono- to pentasubstituted by R₇, where the substituents can be identical or different if their number is greater than 1; R₃ is hydrogen or C₁-C₄alkyl; R₄, R₅ and R₆ independently of one another are hydrogen, C₁-C₄alkyl, halo-C₁-C₄alkyl or C₃-C₆cycloalkyl; R₇ is halogen, C₁-C₂alkyl, halo-C₁-C₂alkyl, C₁-C₂alkoxy or halo-C₁-C₂alkoxy; R₈ is mono- to trisubstituted aryl, where the substituents are selected from the group consisting of halogen, C₁-C₂alkyl, halo-C₁-C₂alkyl, and halo-C₁-C₂alkoxy, and can be identical or different if their number is greater than 1; and X is O.

Claim 24 (Original). Compound of the formula (I) according to claim 1, wherein R₁ is aryl which is mono- to trisubstituted by R₇, where the substituents can in each case be identical or different if their number is greater than 1; R₂ is aryl which is unsubstituted or mono- to trisubstituted by R₇, where the substituents can in each case be identical or different if their number is greater than 1; R₃ is hydrogen; R₄, R₅ and R₆ independently of one another are hydrogen or C₁-C₂alkyl; R₇ is halogen or halo-C₁-C₂alkyl; R₈ is mono- or disubstituted aryl, where the substituents are selected from the group consisting of halogen and halo-C₁-C₂alkyl, and can be identical or different if their number is greater than 1; and X is O.

Claim 25 (Original). Compound of the formula (I) according to claim 1, named N-(1-cyano-1-[2,3-dichlorophenoxyethyl]ethyl)-C-phenylmethanesulphonamide.

Claim 26 (Cancelled)

Claim 27 (Original). Composition for the control of parasites, which, in addition to carriers and/or dispersants, contains as active compound at least one compound of the formula (I) according to Claim 1.

Claim 28-31 (Cancelled).

Claim 32. (Previously presented) A method for controlling parasites comprising applying to said parasites or its habitat a parasitocidal effective amount of at least one compound of formula I of Claim 1.

Claim 33. (Previously presented) The method of Claim 33 wherein said parasitocidal effective amount of said at least one compound of formula I of Claim 1 is administered to an animal host

of said parasite.

Claim 34. (Previously presented) The method of Claim 33 whereby said at least one compound of formula I of Claim 1 is administered to said animal host topically, perorally, parenterally, or subcutaneously.

Claim 35. (Previously presented) The method of Claim 32 whereby said compound is in a formulation consisting of the group of pour-on, spot-on, tablet, chewie, powder, boli, capsules, suspension, emulsion, solution, injectable, water-additive, and food-additive.

Claim 36. (Previously presented) The method of Claim 32 wherein said parasites are endo-parasites.

Claim 37. (Previously presented) The method of Claim 36 wherein said endo-parasites are helminthes.

Claim 38. (Previously presented) A method of treating an animal for parasites comprising administering to said animal in need of treatment thereof a parasitocidal effective amount of the composition of Claim 27.

Claim 39. (Previously presented) The method of Claim 38 wherein said administration to said animal is topically, perorally, parenterally, or subcutaneously.

Claim 40. (Previously presented) The method of Claim 38 wherein said composition of Claim 27 is in a formulation consisting of the group of pour-on, spot-on, tablet, chewie, powder, boli, capsules, suspension, emulsion, solution, injectable, water-additive, and food-additive.

Claim 41. (Previously presented) The method of Claim 38 wherein said parasites are endo-parasites.

Claim 42. (Previously presented) The method of Claim 41 wherein said endo-parasites are helminthes.